



DEPARTMENT OF AERONAUTICAL ENGINEERING

Event Report (AY2025-2026)

Name of the Event	: Seminar on "AERODESIGN: From Concept to Industry"
Date & Time	: 20/02/2026, 10:30 AM
Place	: IV Floor Seminar Hall, ACS College of Engineering, Bengaluru
No. of Student Participants	: Aeronautical & Aerospace Engineering Students
Event Coordinators	: Mr. Jegatheesh Kumar S
Resource Person	: Mr. Sathish Babu, Founder and CEO, ZESTECH, Bengaluru

About the Event:

The Department of Aeronautical and Aerospace Engineering, ACS College of Engineering, in association with the ASSC Students Chapter, organized a **seminar on "AERODESIGN: From Concept to Industry"** on 20th February 2026. The seminar was conducted with the objective of providing students with insights into the complete aircraft design process, from conceptual development to industrial implementation. The session aimed to expose students to current industry practices, design methodologies, and the challenges involved in transforming innovative aerospace concepts into commercially viable products.

Event Schedule:

Time	Activity
10:15 AM – 10:30 AM	Registration of Participants
10:30 AM – 10:40 AM	Welcome Address and Introduction

Campus

207, Kambipura, Mysore Road, Bengaluru - 560 074
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10:40 AM – 11:50 AM	Technical Session by Resource Person
11:50 AM – 12:20 PM	Interactive Discussion and Question & Answer Session
12:20 PM – 12:30 PM	Vote of Thanks and Conclusion

The seminar commenced at 10:30 AM in the IV Floor Seminar Hall with the participation of students and faculty members from the Department of Aeronautical and Aerospace Engineering. The event began with a welcome address emphasizing the importance of aircraft design and innovation in the rapidly evolving aerospace sector.

The technical session was delivered by **Mr. Sathish Babu, Founder and CEO, ZESTECH, Bengaluru**, who shared his extensive industry experience and expertise in aerospace product development and engineering design. The speaker provided a comprehensive overview of the journey involved in converting an aerospace concept into a successful industrial product.

During the session, students gained valuable knowledge about the various stages of aircraft and aerospace product development, including conceptual design, requirement analysis, engineering design, simulation, prototyping, testing, certification, and production. The resource person highlighted the importance of innovation, teamwork, and engineering problem-solving skills in the aerospace industry.

The key topics covered during the seminar included:

- Fundamentals of Aerodesign and Product Development
- Concept Generation and Design Methodologies
- Engineering Analysis and Simulation Techniques
- Aircraft Structures and Systems Integration
- Prototyping, Testing, and Validation Processes
- Industry Requirements and Certification Procedures
- Career Opportunities in Aerospace Design and Development
- Emerging Trends in Aerospace Innovation and Technology

The speaker also discussed real-world industrial case studies and explained how modern aerospace organizations utilize advanced engineering tools and digital technologies

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throughout the product development lifecycle. The session helped students understand the practical challenges involved in designing aerospace systems that meet performance, safety, and regulatory requirements.

An interactive question-and-answer session followed the technical presentation, where students actively participated by discussing topics related to aircraft design, industry expectations, entrepreneurship in aerospace engineering, and future technological developments. The interaction provided students with valuable career guidance and industry exposure.

The seminar successfully bridged the gap between academic learning and industrial practice by offering students a clear understanding of the aerospace product development process. Participants gained practical insights into how engineering concepts are transformed into real-world aerospace solutions.

Overall, the seminar was highly informative and inspiring for the students. The Department of Aeronautical and Aerospace Engineering expresses its sincere gratitude to Mr. Sathish Babu for sharing his valuable expertise and industrial experience. The department also extends its appreciation to the college management and ASSC Students Chapter for their support in organizing the event successfully.

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ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by : MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Event Pictures:



ACS COLLEGE OF ENGINEERING

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DEPARTMENT OF AERONAUTICAL & AEROSPACE ENGINEERING

Organizing Seminar

In Association with **ASSC STUDENTS CHAPTER**

**Topic - 'AERODESIGN:
From Concept to Industry'**



Resource Person

Mr. Sathish Babu, Founder and CEO, ZESTECH, Bengaluru.

Date : 20/02/2026 Time: 10:30 am

Venue : IV Floor Seminar Hall

Program Coordinators - Dr. T. Ayyasamy, Associate Professor
Mr. Jegatheesh Kumar S, Assistant Professor

Dr.A.K.Mariappan Rector, RRG	Dr. S. Meenakshi Sundaram Registrar, RRG	Dr. B S Shylaja Principal, ACSCE	Dr.G. Ramanan, HoD - AE Dr.C. Suresh, HoD - ASE
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